

CRF Errors Corrected by the STIC System: Branch

Serial Number: 09/903,562B

CRF Processing Date: 2/19/2002

Edited by: Ar

Verified by: Ar (STIC staff)

ENTERED

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FEB 22 2002

TECH CENTER 1600/2900

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: \_\_\_\_\_
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: \_\_\_\_\_
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: \_\_\_\_\_
- ☒ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: 173
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: \_\_\_\_\_
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: \_\_\_\_\_
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☐ Corrected an obvious error in the response, specifically: \_\_\_\_\_
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: \_\_\_\_\_
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

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1645

## RAW SEQUENCE LISTING

DATE: 02/19/2002

PATENT APPLICATION: US/09/903,562B

TIME: 18:49:17

Input Set : N:\Crf3\02112002\I903562B.raw

Output Set: N:\CRF3\02192002\I903562B.raw

1 <110> APPLICANT: Genentech, Inc.  
2 Ashkenazi, Avi  
3 Botstein, David  
4 Desnoyers, Luc  
5 Eaton, Dan L.  
6 Ferrara, Napoleone  
7 Filvaroff, Ellen  
8 Fong, Sherman  
9 Gao, Wei-Qiang  
10 Gerber, Hanspeter  
11 Gerritsen, Mary E.  
12 Goddard, A.  
13 Godowski, Paul J.  
14 Grimaldi, Christopher J.  
15 Gurney, Austin L.  
16 Hillan, Kenneth, J.  
17 Kljavin, Ivar J.  
18 Mather, Jennie P.  
19 Pan, James  
20 Paoni, Nicholas F.  
21 Roy, Margaret Ann  
22 Stewart, Timothy A.  
23 Tumas, Daniel  
24 Williams, P. Mickey  
25 Wood, William, I.  
26 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
27 Acids Encoding the Same  
28 <130> FILE REFERENCE: 10466-14  
C--> 29 <140> CURRENT APPLICATION NUMBER: US/09/903,562B  
30 <141> CURRENT FILING DATE: 2001-07-11  
31 <150> PRIOR APPLICATION NUMBER: PCT/US00/04414  
32 <151> PRIOR FILING DATE: 2000-02-22  
33 <150> PRIOR APPLICATION NUMBER: US 60/143,048  
34 <151> PRIOR FILING DATE: 1999-07-07  
35 <150> PRIOR APPLICATION NUMBER: US 60/145,698  
36 <151> PRIOR FILING DATE: 1999-07-26  
37 <150> PRIOR APPLICATION NUMBER: US 60/146,222  
38 <151> PRIOR FILING DATE: 1999-07-28  
39 <150> PRIOR APPLICATION NUMBER: PCT/US99/20594  
40 <151> PRIOR FILING DATE: 1999-09-08  
41 <150> PRIOR APPLICATION NUMBER: PCT/US99/20944  
42 <151> PRIOR FILING DATE: 1999-09-13  
43 <150> PRIOR APPLICATION NUMBER: PCT/US99/21090

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/903,562B

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Input Set : N:\Crf3\02112002\I903562B.raw

Output Set: N:\CRF3\02192002\I903562B.raw

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46 <151> PRIOR FILING DATE: 1999-09-15
47 <150> PRIOR APPLICATION NUMBER: PCT/US99/23089
48 <151> PRIOR FILING DATE: 1999-10-05
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50 <151> PRIOR FILING DATE: 1999-11-29
51 <150> PRIOR APPLICATION NUMBER: PCT/US99/28313
52 <151> PRIOR FILING DATE: 1999-11-30
53 <150> PRIOR APPLICATION NUMBER: PCT/US99/28564
54 <151> PRIOR FILING DATE: 1999-12-02
55 <150> PRIOR APPLICATION NUMBER: PCT/US99/28565
56 <151> PRIOR FILING DATE: 1999-12-02
57 <150> PRIOR APPLICATION NUMBER: PCT/US99/30095
58 <151> PRIOR FILING DATE: 1999-12-16
59 <150> PRIOR APPLICATION NUMBER: PCT/US99/30911
60 <151> PRIOR FILING DATE: 1999-12-20
61 <150> PRIOR APPLICATION NUMBER: PCT/US99/30999
62 <151> PRIOR FILING DATE: 1999-12-20
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69 <212> TYPE: DNA
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73   gaccacacgcg tccgggccgg agcagcacgg ccgcaggacc tggagctccg gctgcgtctt 120
74   cccgcagcgc taccgcccat gcgcctgccg ccgcgggccg cgctggggct cctgccgctt 180
75   ctgctgctgc tgcgcgccgc gccggaggcc gccaaagaag cgacgccctg ccaccggtgc 240
76   cgggggctgg tggacaagtt taaccagggg atggtggaca ccgcaaagaa gaactttggc 300
77   ggcgggaaca cggcttggga ggaaaagacg ctgtccaagt acgagtccag cgagattcgc 360
78   ctgctggaga tcttgagggg gctgtgcgag agcagcgact tcgaatgcaa tcagatgcta 420
79   gaggcgcagg aggagcacct ggaggcctgg tggctgcagc tgaagagcga atatcctgac 480
80   ttattcgagt ggttttgtgt gaagacactg aaagtgtgct gctctccagg aacctacggt 540
81   cccgactgtc tcgcatgcca gggcgggatcc cagaggccct gcagcgggaa tggccactgc 600
82   agcggagatg ggagcagaca gggcgacggg tcttgccggt gccacatggg gtaccagggc 660
83   ccgctgtgca ctgactgcat ggacggctac ttcagctcgc tccggaacga gaccacagc 720
84   atctgcacag cctgtgacga gtcctgcaag acgtgctcgg gcctgaccaaa cagagactgc 780
85   ggcgagtgtg aagtgggctg ggtgctggac gagggcgccct gtgtggatgt ggacgagtgt 840
86   gcggccgagc cgcctccctg cagcgtgcg cagttctgta agaacgcaa cggctcctac 900
87   acgtgcgaag agtgtgactc cagctgtgtg ggtgacacag gggaaaggccc aggaaactgt 960
88   aaagagtgtg tctctggcta cgcgagggag cacggacagt gtgcagatgt ggacgagtgc 1020
89   tcactagcag aaaaaacctg tgtgaggaaa aacgaaaact gctacaatac tccagggagc 1080
90   tacgtctgtg tgtgtcctga cggcttcgaa gaaacggaag atgcctgtgt gccgccggca 1140
91   gaggtgaag ccacagaagg agaaagcccg acacagctgc cctcccgcga agacctgtaa 1200
92   tgtgccggac ttacccttta aattattcag aaggatgtcc cgtggaaaat gtggccctga 1260
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## RAW SEQUENCE LISTING

DATE: 02/19/2002

PATENT APPLICATION: US/09/903,562B

TIME: 18:49:17

Input Set : N:\Crf3\02112002\I903562B.raw

Output Set: N:\CRF3\02192002\I903562B.raw

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95      ttgatacagt tctttgtaat aaaattgacc attgtaggta atcaggagga aaaaaaaaaa 1440
96      aaaaaaaaaa aaagggcggc cgcgactcta gagtcgacct gcagaagctt ggccgccatg 1500
97      gcccaacttg tttattgcag cttataatgg ttacaaataa agcaatagca tcacaaattt 1560
98      cacaaataaa gcattttttt cactgcattc tagttgtggt ttgtccaaac tcatcaatgt 1620
99      atcttatcat gtctggatcg ggaattaatt cggcgagca ccatggcctg aaataacctc 1680
100     tgaaagagga acttggttag gtaccttctg aggcggaaag aaccagctgt ggaatgtgtg 1740
101     tcagttaggg tgtggaaagt cccaggctc cccagcaggc agaagtatgc aagcatgcat 1800
102     ctcaattagt cagcaacca gtttt                                     1825
104 <210> SEQ ID NO: 2
105 <211> LENGTH: 353
106 <212> TYPE: PRT
107 <213> ORGANISM: Homo sapiens
108 <400> SEQUENCE: 2
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111     Leu Leu Pro Pro Ala Pro Glu Ala Ala Lys Lys Pro Thr Pro Cys His
112         20             25             30
113     Arg Cys Arg Gly Leu Val Asp Lys Phe Asn Gln Gly Met Val Asp Thr
114         35             40             45
115     Ala Lys Lys Asn Phe Gly Gly Gly Asn Thr Ala Trp Glu Glu Lys Thr
116         50             55             60
117     Leu Ser Lys Tyr Glu Ser Ser Glu Ile Arg Leu Leu Glu Ile Leu Glu
118         65             70             75             80
119     Gly Leu Cys Glu Ser Ser Asp Phe Glu Cys Asn Gln Met Leu Glu Ala
120         85             90             95
121     Gln Glu Glu His Leu Glu Ala Trp Trp Leu Gln Leu Lys Ser Glu Tyr
122         100            105            110
123     Pro Asp Leu Phe Glu Trp Phe Cys Val Lys Thr Leu Lys Val Cys Cys
124         115            120            125
125     Ser Pro Gly Thr Tyr Gly Pro Asp Cys Leu Ala Cys Gln Gly Gly Ser
126         130            135            140
127     Gln Arg Pro Cys Ser Gly Asn Gly His Cys Ser Gly Asp Gly Ser Arg
128         145            150            155            160
129     Gln Gly Asp Gly Ser Cys Arg Cys His Met Gly Tyr Gln Gly Pro Leu
130         165            170            175
131     Cys Thr Asp Cys Met Asp Gly Tyr Phe Ser Ser Leu Arg Asn Glu Thr
132         180            185            190
133     His Ser Ile Cys Thr Ala Cys Asp Glu Ser Cys Lys Thr Cys Ser Gly
134         195            200            205
135     Leu Thr Asn Arg Asp Cys Gly Glu Cys Glu Val Gly Trp Val Leu Asp
136         210            215            220
137     Glu Gly Ala Cys Val Asp Val Asp Glu Cys Ala Ala Glu Pro Pro Pro
138         225            230            235            240
139     Cys Ser Ala Ala Gln Phe Cys Lys Asn Ala Asn Gly Ser Tyr Thr Cys
140         245            250            255
141     Glu Glu Cys Asp Ser Ser Cys Val Gly Cys Thr Gly Glu Gly Pro Gly
142         260            265            270
143     Asn Cys Lys Glu Cys Ile Ser Gly Tyr Ala Arg Glu His Gly Gln Cys

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## RAW SEQUENCE LISTING

DATE: 02/19/2002

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TIME: 18:49:17

Input Set : N:\Crf3\02112002\I903562B.raw

Output Set: N:\CRF3\02192002\I903562B.raw

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145 Ala Asp Val Asp Glu Cys Ser Leu Ala Glu Lys Thr Cys Val Arg Lys
146          290          295          300
147 Asn Glu Asn Cys Tyr Asn Thr Pro Gly Ser Tyr Val Cys Val Cys Pro
148          305          310          315          320
149 Asp Gly Phe Glu Glu Thr Glu Asp Ala Cys Val Pro Pro Ala Glu Ala
150          325          330          335
151 Glu Ala Thr Glu Gly Glu Ser Pro Thr Gln Leu Pro Ser Arg Glu Asp
152          340          345          350
153 Leu
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156 <211> LENGTH: 2206
157 <212> TYPE: DNA
158 <213> ORGANISM: Homo sapiens
159 <400> SEQUENCE: 3
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162 aacagccctg gctgagggag ctgcagcgca gcagagtatc tgacggcgcc aggttgcgta 180
163 ggtgcggcac gaggagtttt cccggcagcg aggaggtcct gagcagcatg gcccgaggga 240
164 gcgccttccc tgcgcgcgcg ctctggctct ggagcatcct cctgtgcctg ctggcactgc 300
165 gggcgagggc cgggcgcgcg caggaggaga gcctgtacct atggatcgat gctcaccagg 360
166 caagagtact cataggattt gaagaagata tcctgattgt ttcagagggg aaaatggcac 420
167 cttttacaca tgatttcaga aaagcgcaac agagaatgcc agctattcct gtcaatatcc 480
168 attccatgaa ttttacctgg caagctgcag ggcaggcaga atactttctat gaattcctgt 540
169 ccttgcgctc cctggataaa ggcacatcag cagatccaac cgtcaatgtc cctctgctgg 600
170 gaacagtgcc tcacaaggca tcagttgttc aagttggttt cccatgtctt ggaaaacagg 660
171 atgggggtggc agcatttgaa gtggatgtga ttgttatgaa ttctgaaggc aacaccattc 720
172 tccaaacacc tcaaaatgct atcttcttta aaacatgtca acaagctgag tgcccaggcg 780
173 ggtgcggaaa tggaggcttt tgtaatgaaa gacgcactct cgagtgtcct gatgggttcc 840
174 acggacctca ctgtgagaaa gccctttgta cccacgatg tatgaatgg ggactttgtg 900
175 tgactcctgg tttctgcac tgcccacctg gattctatgg agtgaactgt gacaaagcaa 960
176 actgctcaac cacctgcttt aatggaggga cctgtttcta ccctggaaaa tgtatttgcc 1020
177 ctccaggact agagggagag cagtgtgaaa tcagcaaatg cccacaaccc tgtcgaaatg 1080
178 gaggtaaatg cattggtaaa agcaaagtga agtgttccaa aggttaccag ggagacctct 1140
179 gttcaaagcc tgtctgcgag cctggctgtg gtgcacatgg aacctgccat gaacccaaca 1200
180 aatgccaatg tcaagaagg tggcatggaa gacactgcaa taaaaggtag gaagccagcc 1260
181 tcatacatgc cctgaggcca gcaggcgccc agctcaggca gcacacgcct tcaactaaaa 1320
182 aggcggagga ggcgggggat ccacctgaat ccaattacat ctggtgaact ccgacatctg 1380
183 aaacgtttta agttacacca agttcatagc ctttgttaac ctttcatgtg ttgaatgttc 1440
184 aaataatgtt cattacactt aagaatactg gcctgaattt tattagcttc attataaatc 1500
185 actgagctga tatttactct tccttttaag ttttctaagt acgtctgtag catgatggta 1560
186 tagattttct tgtttcagtg ctttgggaca gattttatat tatgtcaatt gatcagggtta 1620
187 aaattttcag tgtgtagttg gcagatattt tcaaaattac aatgcattta tgggtgtctg 1680
188 gggcagggga acatcagaaa ggttaaattg ggcaaaaatg cgtaagtcac aagaatttgg 1740
189 atgggtgcag taatgttgaa gttacagcat ttcagatttt attgtcagat atttagatgt 1800
190 ttgttacatt tttaaaaatt gctottaatt tttaaactct caatacaata tattttgacc 1860
191 ttaccattat tccagagatt cagtattaaa aaaaaaaaaa ttactactgt gtagtggcat 1920
192 ttaacaata taatatattc taaacacaat gaaataggga atataatgta tgaacttttt 1980
193 gcattggctt gaagcaatat aatatattgt aaacaaaaca cagctcttac ctaataaaca 2040

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## RAW SEQUENCE LISTING

DATE: 02/19/2002

PATENT APPLICATION: US/09/903,562B

TIME: 18:49:17

Input Set : N:\Crf3\02112002\I903562B.raw

Output Set: N:\CRF3\02192002\I903562B.raw

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195      aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa gggcgggccgc gactctagag tcgacctgca 2160
196      gaagcttggc cgccatggcc caacttgttt attgcagctt ataattg                2206
198 <210> SEQ ID NO: 4
199 <211> LENGTH: 379
200 <212> TYPE: PRT
201 <213> ORGANISM: Homo sapiens
202 <400> SEQUENCE: 4
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205      Ile Leu Leu Cys Leu Leu Ala Leu Arg Ala Glu Ala Gly Pro Pro Gln
206      20          25          30
207      Glu Glu Ser Leu Tyr Leu Trp Ile Asp Ala His Gln Ala Arg Val Leu
208      35          40          45
209      Ile Gly Phe Glu Glu Asp Ile Leu Ile Val Ser Glu Gly Lys Met Ala
210      50          55          60
211      Pro Phe Thr His Asp Phe Arg Lys Ala Gln Gln Arg Met Pro Ala Ile
212      65          70          75          80
213      Pro Val Asn Ile His Ser Met Asn Phe Thr Trp Gln Ala Ala Gly Gln
214      85          90          95
215      Ala Glu Tyr Phe Tyr Glu Phe Leu Ser Leu Arg Ser Leu Asp Lys Gly
216      100         105         110
217      Ile Met Ala Asp Pro Thr Val Asn Val Pro Leu Leu Gly Thr Val Pro
218      115         120         125
219      His Lys Ala Ser Val Val Gln Val Gly Phe Pro Cys Leu Gly Lys Gln
220      130         135         140
221      Asp Gly Val Ala Ala Phe Glu Val Asp Val Ile Val Met Asn Ser Glu
222      145         150         155         160
223      Gly Asn Thr Ile Leu Gln Thr Pro Gln Asn Ala Ile Phe Phe Lys Thr
224      165         170         175
225      Cys Gln Gln Ala Glu Cys Pro Gly Gly Cys Arg Asn Gly Gly Phe Cys
226      180         185         190
227      Asn Glu Arg Arg Ile Cys Glu Cys Pro Asp Gly Phe His Gly Pro His
228      195         200         205
229      Cys Glu Lys Ala Leu Cys Thr Pro Arg Cys Met Asn Gly Gly Leu Cys
230      210         215         220
231      Val Thr Pro Gly Phe Cys Ile Cys Pro Pro Gly Phe Tyr Gly Val Asn
232      225         230         235         240
233      Cys Asp Lys Ala Asn Cys Ser Thr Thr Cys Phe Asn Gly Gly Thr Cys
234      245         250         255
235      Phe Tyr Pro Gly Lys Cys Ile Cys Pro Pro Gly Leu Glu Gly Glu Gln
236      260         265         270
237      Cys Glu Ile Ser Lys Cys Pro Gln Pro Cys Arg Asn Gly Gly Lys Cys
238      275         280         285
239      Ile Gly Lys Ser Lys Cys Lys Cys Ser Lys Gly Tyr Gln Gly Asp Leu
240      290         295         300
241      Cys Ser Lys Pro Val Cys Glu Pro Gly Cys Gly Ala His Gly Thr Cys
242      305         310         315         320
243      His Glu Pro Asn Lys Cys Gln Cys Gln Glu Gly Trp His Gly Arg His

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Use of n and/or Xaa has been detected in the Sequence Listing.  
 Review the Sequence Listing to insure a corresponding  
 explanation is presented in the <220> to <223> fields of  
 each sequence using n or Xaa.

## VERIFICATION SUMMARY

DATE: 02/19/2002

PATENT APPLICATION: US/09/903,562B

TIME: 18:49:18

Input Set : N:\Crf3\02112002\I903562B.raw

Output Set: N:\CRF3\02192002\I903562B.raw

L:29 M:270 C: Current Application Number differs, Wrong Format

L:403 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13

L:404 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13

L:405 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13

L:406 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13

L:614 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26

L:1341 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50

L:2841 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113

L:3206 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131

L:4238 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:174

L:4338 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175

L:5176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206